



Outstanding Teacher Award



Dr. Mira Olson, assistant professor in the Civil, Architectural, and Environmental Engineering Department has been selected to receive the *McGraw-Hill/AEESP Award for Outstanding Teaching in Environmental Engineering & Science*. The award is given by the Association of Environmental Engineering and Science Professors (AEESP) Foundation and is sponsored by McGraw-Hill. This award is given annually to recognize a professor who makes outstanding contributions to teaching environmental engineering at both their home institution and beyond.

2012 Roundtable on Urban Ecohydrology Science and Practice

The Civil, Architectural, and Environmental Engineering Department, along with the [US Forest Service](#) and the [Consortium for Climate Risk in the Urban Northeast](#) (CCRUN) hosted a day long workshop entitled: *2012 Roundtable on Urban Ecology Science and Practice*, held at Drexel University. The workshop gathered together approximately 70 scientists, practitioners, students and stakeholders to share general experiences in modeling and applying proven and exploratory best practices to the installation and study of ultra-urban stormwater management infrastructure. The workshop was spearheaded by **Dr. Franco Montalto**, assistant professor of the Civil, Architectural, and Environmental Engineering Department. Seminar logistics were executed by **Maria Raquel Catalano de Sousa**, an Environmental Engineering PhD student and **Sarah Colins**, a department staff member. Presentations from the seminar can be found on Dr. Montalto's [Sustainable Water Resources Engineering Website](#).



IABMAS 2012



Civil, Architectural, and Environmental Engineering Department professors, **Dr. A. Emin Aktan**, **Dr. Franklin Moon** and **Dr. Ivan Bartoli** along with former students **Dr. Nathaniel Dubbs**, **Dr. Ehsan Minaie**, **Dr. John Prader**, and current PhD student **Matthew Yarnold** presented at the 2012 International Association for Bridge Maintenance and Safety (IABMAS) Conference in Stresa, Lake Maggiore, Italy, on July 8-12, 2012. The objective of the Association is "to promote international cooperation in the fields of bridge maintenance, safety, and management for the purpose of enhancing the welfare of society." The group along with representatives from Pennoni Associates led a Special Session titled *Management and*

Preservation of Long Span Historic Bridges. This session focused on the research and technology methodologies that have been developed and implemented for the maintenance and preservation of geriatric long span bridges. Presentation materials and more information on this conference can be found here: http://www.di3.drexel.edu/view_page.php?p=842

New ASHRAE Research Sub - Committee Chair

Dr. Michael Waring recently became the chair of the research sub-committee of the American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE) Technical Committee (TC) 2.4. The scope of ASHRAE TC 2.4 is concerned with indoor particulate matter, including the measurement of its properties, its removal from indoor spaces with filtration and purification equipment, and developing standards for the evaluation of those particulate matter filters and air purifiers.

Student News

Kaitlyn Sniffen, a PhD student in the Civil, Architectural, and Environmental Engineering Department, was awarded a PTR Baler Scholarship by the Environmental Research and Education Foundation. Kaitie is advised by **Dr. Mira Olson** and has recently begun work on the beneficial treatment of landfill leachate using algae bioreactors.

James G. Mitchell, a PhD student in the Civil, Architectural, and Environmental Engineering Department has spent two months at [Idaho National Laboratory \(INL\)](#) with the Biomass Feedstock Logistics Group studying the geospatial variability of biomass harvesting, pre-processing, and transportation operations on biofuel life cycle carbon intensity. While there and at a visit to Colorado State University's Natural Resources Ecology Laboratory, James is training to use the biogeochemical model DayCent. He will deliver a seminar at INL in August 2012. James is advised by **Dr. Sabrina Spatari**.

Liam Hendricken, a PhD student in the Civil, Architectural, and Environmental Engineering Department, presented a conference paper at the [SimBuild 2012 Conference](#) in Madison, Wisconsin, August 1-3, 2012. The paper is entitled: "Capital Costs and Energy Savings Achieved by Energy Conservation Measures for Medium Office Buildings in the Greater Philadelphia Region." Liam is advised by **Dr. Jin Wen**.

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